

**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Utah	Beaver	Box Elder	Cache	Carbon	Daggett	Davis
Commercial fertilizer, lime, and soil conditioners <sup>1</sup>							
farms, 2002	6,166	94	583	489	124	16	302
1997	7,467	120	715	725	128	26	303
acres treated, 2002	629,362	20,929	107,397	64,244	4,653	2,101	12,672
1997	736,095	19,442	176,802	65,149	4,436	5,203	11,009
Cropland fertilized, except cropland pastured							
farms, 2002	5,452	77	486	468	112	16	259
1997	6,762	98	699	665	121	24	258
acres treated, 2002	574,224	20,434	103,433	60,709	3,824	1,956	11,138
1997	686,528	19,076	174,558	61,210	4,014	4,608	10,025
Pastureland and rangeland fertilized							
farms, 2002	1,679	21	132	114	49	3	159
1997	1,811	23	86	189	22	6	93
acres treated, 2002	55,138	495	3,964	3,535	829	145	1,534
1997	49,567	366	2,244	3,939	422	595	984
Manure							
farms, 2002	2,859	59	178	325	63	10	66
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	112,030	3,522	12,610	16,508	786	1,760	1,141
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-Insects <sup>2</sup>							
farms, 2002	2,641	69	230	247	50	-	129
1997	2,636	100	253	174	44	2	100
acres treated, 2002	264,684	20,036	18,044	15,841	2,500	-	15,192
1997	228,237	19,285	26,343	13,093	2,095	(D)	3,573
Weeds, grass, or brush							
farms, 2002	3,908	68	394	430	58	5	251
1997	3,914	43	485	563	24	5	246
acres treated, 2002	342,301	11,711	77,588	41,461	1,429	200	20,206
1997	350,013	3,213	86,588	45,062	506	(D)	7,496
Nematodes							
farms, 2002	61	-	3	1	1	-	8
1997	85	2	8	5	-	-	11
acres treated, 2002	3,956	-	865	(D)	(D)	-	480
1997	4,752	(D)	148	418	-	-	357
Diseases in crops and orchards							
farms, 2002	295	6	22	8	11	-	21
1997	365	2	66	13	-	-	51
acres treated, 2002	(D)	134	593	23	11	-	128
1997	10,594	(D)	2,312	608	-	-	942
Chemicals used to control growth, thin fruit, or defoliate							
farms, 2002	138	5	12	8	2	-	1
1997	206	7	9	17	3	-	15
acres on which used, 2002	2,886	200	345	75	(D)	-	(D)
1997	6,268	70	(D)	253	(D)	-	399
Item	Duchesne	Emery	Garfield	Grand	Iron	Juab	Kane
Commercial fertilizer, lime, and soil conditioners <sup>1</sup>							
farms, 2002	309	204	98	42	161	59	52
1997	445	352	183	50	167	105	66
acres treated, 2002	35,838	21,212	5,411	1,930	43,794	15,634	2,700
1997	47,280	18,322	8,597	2,037	38,339	15,311	2,315
Cropland fertilized, except cropland pastured							
farms, 2002	265	192	82	40	151	59	44
1997	393	315	155	48	159	105	66
acres treated, 2002	25,125	14,571	3,816	1,882	43,340	15,325	1,405
1997	37,790	14,381	5,863	1,593	37,799	15,224	2,265
Pastureland and rangeland fertilized							
farms, 2002	102	91	33	6	21	7	14
1997	171	126	45	8	25	8	4
acres treated, 2002	10,713	6,641	1,595	48	454	309	1,295
1997	9,490	3,941	2,734	444	540	87	50
Manure							
farms, 2002	106	100	35	30	107	26	12
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	3,481	1,882	1,258	246	3,626	3,755	231
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-Insects <sup>2</sup>							
farms, 2002	50	100	23	12	92	18	15
1997	21	160	33	10	114	43	18
acres treated, 2002	1,257	7,903	3,925	288	38,095	2,321	474
1997	2,165	6,865	724	64	27,382	5,894	578
Weeds, grass, or brush							
farms, 2002	102	49	21	15	114	31	28
1997	134	84	22	12	102	80	22
acres treated, 2002	3,467	2,024	279	586	31,413	6,850	3,910
1997	6,645	3,342	(D)	650	22,799	9,153	2,353
Nematodes							
farms, 2002	-	-	2	2	-	-	-
1997	-	9	1	-	18	-	-
acres treated, 2002	-	-	-	(D)	385	-	-
1997	-	207	(D)	-	2,118	-	-
Diseases in crops and orchards							
farms, 2002	-	-	6	2	-	-	2
1997	6	7	4	4	2	4	2
acres treated, 2002	-	-	-	26	(D)	4	(D)
1997	180	140	4	40	(D)	4	(D)
Chemicals used to control growth, thin fruit, or defoliate							
farms, 2002	-	7	-	4	4	-	-
1997	1	7	-	-	2	-	2
acres on which used, 2002	-	70	-	21	(D)	-	-
1997	(D)	28	-	-	(D)	-	(D)

See footnote(s) at end of table.

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**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Millard	Morgan	Piute	Rich	Salt Lake	San Juan	Sanpete	Sevier
Commercial fertilizer, lime, and soil conditioners <sup>1</sup>								
farms, 2002	326	75	39	49	184	49	265	392
1997	367	68	47	63	191	90	396	281
acres treated, 2002	62,598	5,990	3,686	12,269	7,112	11,709	29,872	34,833
1997	65,351	7,269	3,781	13,765	12,073	14,961	28,731	17,207
Cropland fertilized, except cropland pastured								
farms, 2002	307	70	36	46	126	49	262	356
1997	366	62	42	62	143	90	364	273
acres treated, 2002	59,929	5,816	3,550	(D)	6,739	(D)	27,463	32,829
1997	64,773	7,211	3,674	13,065	11,521	(D)	26,646	16,361
Pastureland and rangeland fertilized								
farms, 2002	39	26	6	4	59	1	44	82
1997	9	11	9	5	64	7	85	35
acres treated, 2002	2,669	174	136	(D)	373	(D)	2,409	2,004
1997	578	58	107	700	552	(D)	2,085	846
Manure								
farms, 2002	126	48	26	26	102	4	234	137
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	8,553	848	1,074	4,144	707	69	10,229	6,744
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-Insects <sup>2</sup>								
farms, 2002	224	15	27	5	69	2	231	164
1997	295	17	31	5	61	18	227	160
acres treated, 2002	36,516	1,178	2,737	(D)	690	(D)	33,362	24,398
1997	47,658	1,682	2,147	993	1,906	4,254	17,886	10,906
Weeds, grass, or brush								
farms, 2002	180	38	10	24	165	53	217	197
1997	203	102	20	27	152	87	209	127
acres treated, 2002	26,189	2,082	573	1,665	7,443	6,775	18,645	17,470
1997	33,587	2,879	417	1,812	14,607	26,312	14,425	7,876
Nematodes								
farms, 2002	20	-	1	-	1	-	5	-
1997	-	1	-	-	15	-	2	-
acres treated, 2002	917	-	(D)	-	(D)	-	150	-
Diseases in crops and orchards								
farms, 2002	10	1	-	-	24	2	9	1
1997	12	1	-	-	18	-	7	-
acres treated, 2002	374	(D)	-	-	54	(D)	9	(D)
1997	1,530	(D)	-	-	52	-	7	-
Chemicals used to control growth, thin fruit, or defoliate								
farms, 2002	1	1	-	-	1	-	-	9
1997	20	(D)	-	2	13	-	1	-
acres on which used, 2002	2,085	-	(D)	(D)	(D)	-	(D)	121
1997	-	-	-	(D)	14	-	(D)	-
Item	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
Commercial fertilizer, lime, and soil conditioners <sup>1</sup>								
farms, 2002	77	101	258	1,079	133	162	79	365
1997	158	68	446	1,061	141	190	109	406
acres treated, 2002	6,063	5,916	24,211	57,449	3,301	7,473	7,178	11,187
1997	8,817	3,132	31,551	79,218	4,470	5,950	6,069	19,508
Cropland fertilized, except cropland pastured								
farms, 2002	60	69	237	932	124	130	79	318
1997	125	60	386	976	96	159	109	353
acres treated, 2002	(D)	5,075	19,947	52,755	2,790	5,709	6,954	10,040
1997	5,931	2,936	26,551	75,153	2,902	4,747	(D)	16,364
Pastureland and rangeland fertilized								
farms, 2002	19	32	119	299	38	50	10	99
1997	54	21	142	298	67	49	4	145
acres treated, 2002	(D)	841	4,264	4,694	511	1,764	224	1,147
1997	2,886	196	5,000	4,065	1,568	1,203	(D)	3,144
Manure								
farms, 2002	44	48	85	456	90	42	56	218
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	1,655	3,070	2,611	12,308	1,682	940	2,149	4,441
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-Insects <sup>2</sup>								
farms, 2002	17	23	48	593	27	64	21	76
1997	2	7	105	413	16	61	54	92
acres treated, 2002	1,490	7,357	1,120	17,618	606	4,260	2,185	3,124
1997	(D)	24	5,145	18,489	300	2,241	2,568	1,838
Weeds, grass, or brush								
farms, 2002	45	88	109	708	96	52	15	345
1997	74	39	120	581	46	38	32	235
acres treated, 2002	4,596	2,776	2,131	38,176	1,900	1,974	241	8,541
1997	1,591	2,650	4,938	36,560	2,274	1,829	716	8,994
Nematodes								
farms, 2002	-	-	-	8	-	6	-	1
1997	-	-	10	2	-	-	1	-
acres treated, 2002	-	-	-	176	-	325	-	(D)
Diseases in crops and orchards								
farms, 2002	-	-	215	(D)	-	-	(D)	-
1997	-	-	-	-	-	-	-	-
acres treated, 2002	-	-	7	124	-	16	3	16
1997	-	-	-	3,777	-	139	37	-
1997	-	-	14	3,712	-	52	6	54
Chemicals used to control growth, thin fruit, or defoliate								
farms, 2002	-	-	7	61	7	-	8	-
1997	7	-	7	64	16	9	4	-
acres on which used, 2002	-	-	105	1,661	21	-	9	-
1997	45	-	7	2,066	456	18	37	-

<sup>1</sup> Data for 1997 exclude lime.

<sup>2</sup> Data for 1997 include treatment of crops, including hay, but not other land.